

FORM:PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 4093-8
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/511341 Date assigned
INTERNATIONAL APPLICATION NO. PCT/JP03/04840	INTERNATIONAL FILING DATE 16 April 2003	PRIORITY DATE CLAIMED 16 APRIL 2002

TITLE OF INVENTION

ENDOCRINE CELL LINES AND METHOD OF USING THE SAME

APPLICANT(S) FOR DO/EO/US

SASAKI, S. et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto (289 pages specification, claims & abstract (108 claims), 17 sheets drawings).
 - b. ☒ has been communicated by the International Bureau (Form PCT/IB/308 is attached).
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation
 - a. ☒ of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (348 pages specification, claims & abstract (108 claims), 17 sheets drawings, 1 page Certificate of Translation).
 - b. ☐ of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.
 - a. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 - b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
10. See item 6.b. above.
Items 11 To 20 below concern document(s) or information included:
11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37.CFR 1.821-1.825 and Statement re: Same
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information. ISR and PTO 1449 Form listing cited documents

U.S. APPLICATION NO. 10/511541 To be assigned		INTERNATIONAL APPLICATION NO. PCT/JP03/04840		ATTORNEY'S DOCKET NUMBER 4093-8	
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21. <input checked="" type="checkbox"/> The following fees are submitted:					CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1110.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$950.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$790.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$750.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =					\$	950.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total Claims	108	minus 20 =	88	X	\$ 1,584.00	
Independent Claims	24	minus 3 =	21	X	\$ 1,848.00	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)					\$ 0.00	
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$430.00/2 months; \$980.00/3 months)					\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =					\$ 4,382.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					0.00	
SUBTOTAL =					\$ 4,382.00	
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					+	
TOTAL NATIONAL FEE =					\$ 4,512.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property					+ \$ 0.00	
Fee for Petition to Revive Unintentionally Abandoned Application (\$1370.00 - Small Entity = \$685.00)					\$ 0.00	
TOTAL FEES ENCLOSED =					\$ 4,512.00	
					Amount to be: refunded \$	
					Charged \$	

a. ☒ A check in the amount of \$4,512.00 to cover the above fees is enclosed.
b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
d. ☒ The entire content of International Application No. **PCT/JP03/04840** and any U.S. and foreign application(s) corresponding thereto, and JP2002-113030, referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

CORRESPONDENCE ADDRESS
Direct all correspondence to:

☒ **Customer Number:**

23117

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B. J. Sadoff
NAME

Telephone: (703) 816-4000
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36,663
REGISTRATION NUMBER

October 15, 2004
Date

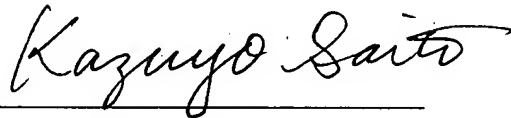
10/511341
DT04 Rec'd PCT/PTO 15 OCT 2004

Verification

I, Kazuyo Saito, a citizen of Japan, c/o Kyowa Hakko Kogyo Co., Ltd. of
6-1, Ohtemachi 1-chome, Chiyoda-ku, TOKYO 100-8185 JAPAN
do hereby verify that:-

- 1) THAT I am well acquainted with the Japanese language and English language, and
- 2) THAT the attached is a full, true faithful translation into the English language made by me of PCT Application No. PCT/JP2003/04840.

Dated October 6, 2004.



Kazuyo Saito